(b) Considering the heavy backlon under the on-going schemes, it is not proposed to undertake fresh registration at present.

Encroachment of DDA Land

5672. SHRI JAGMEET SINGH BRAR: Will the Minister of URBAN DEVELOPMENT be pleased to state:

(a) whether the attention of the Government has been drawn to the news items appeared in daily "Hindu" on July 12, 1991 regarding encroachment of DDA land;

(b) if so, whether major of chunkof land acquired by Delhi Development Authority has been occupied unauthorisedly;

(c) if so, the details thereof;

(d) whether any action has been taken by the Government in order to end the illegal occupation; and

(e) if so, the total land liberated thereof and the steps taken to check such cases?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI M. ARUNACHALAM): (a) Yes, Sir.

(b) and (c). No, Sir. 67279.521 crores of land is at the disposals of Delhi Development Authority including acquired land, nazul land and land of Ministry of Rehabilitation. Majority of the land has been utilised, while some portion of the land is under encroachment.

(d) and (e). As reported by D. D. A., it keeps on removing encroachment of any nature regularly. From April, 1991 to December, 1991 2942 encroachment were removed and 180.75 acre for land was reclaimed.

Antarctica Expedition

5673. SHRI RAJESH KUMAR:
SHRI TEJ NARAYAN SINGH:
KUMAR UMA BHARTI:

Will the PRIME MINISTER be pleased to state:

(a) the achievements of the Antarctica expedition being run by the Indian Scientists and Meteorologists during the last three years;

(b) the main tasks performed by this team on South Gangotri;

(c) whether the Union Government have received some new suggestions from the fourth team of the Indian Scientists how have successfully completed their expedition visit recently; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIENANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) and (b). A statement indicating the achievements of the Indian scientists and meteorologists of the Antarctica expedition during the last three yeas and the main tasks performed by the team at Dakshin Gangotri/Maitri is given to below.

(c) and (d). The fourth team of Indian scientists returned to Indian in March, 1985. All their suggestions were included in the planning of the 5th expedition and for setting up of the Indian station "Maitri" in the Schirmacher ranges. The station at Maitri was set up and made fully operational in 1989 with facilities for scientific research in various disciplines.

STATEMENT

Main Tasks and Achievements of the Antarctica Expeditions During the Last Three Years

1. METEOROLOGY

The meteorological phenomena on Antarctica was studied in the context of Indian monsoons. The usual meteorological parameters like wind, wind speed, pressure, temperature etc. were continually recorded to support both scientific and logistic activities in Antarctica.

2. ATMOSPHERIC SCIENCES

In this area study of the ozone layer and green house effects besides the study of trace gases and their influence on ozone chemistry were undertaken. The measurement of radio activity in the higher atmosphere,m lithosphere and atmosphere and transport of substances like radon were also carried out.

3. EARTH SCIENCES

Scientific studies were carried out to understand the structure of Antarctic geology, the various formation and mineralisation processes, and paleo environmental changes. Survey of the entire Schirmacher and Wilhthat regions have been completed and a geological map prepared. Several rock samples have been collected for laboratory analysis. Besides, iceberg monitoring, glaciological investigation and search for meteorites were continued.

4. BIOLOGICAL SCIENCES

The study of micro plants under extreme conditions were undertaken. These studies included bio-chemical, molecular and related experiments on primitive forms of life and their adaptation to extreme cold conditions.

The oceanographic studies on air-sea interaction, oceanic currents and circulation patterns and their influence on monsoon systems were carried out.

5. ENVIRONMENTAL PHYSIOLOGY

Studies on the human metabolic and psychological behaviour in cold and isolated conditions were undertaken.

6. ENGINEERING ASPECTS

An indigenous station "Maitri" has been constructed in Antarctica with all necessary facilities for scientific studies. The engineering materials and other related aspects are continually studies and improved every year.

The station has effective waste management systems in conformity with international regulations.

[*English*]

Housing Projects of Kerala

5674. SHRI THAYIL JOHN ANJALOSE: Will the Minister of URBAN DEVELOPMENT be pleased to state:

(a) the project under consideration of HUDCO for solving the housing problem in the rural and urban areas for Kerala;

(b) whether HUDCO has accorded its approval; and

(c) if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI M. ARUNACHALAM): (a) to (c). During the current financial year, HUDCO has